RAGLAN FASHIONS FOR THE WHOLE FAMILY

KNITTED IN 4 PLY

BY Empisal

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KNITTED RAGLAN FASHIONS

FOR THE WHOLE FAMILY – 4 PLY

CAST ON AND WELTS

All patterns are described to allow for personal choice, which to choose is left to the knitter to decide.

The choice of cast on will depend on whether or not a hem or rib is required. For a hem the open edge cast on – which is time saving – will be suitable whether the hem is turned and closed on the knitter or closed by hand when sewing up the garment.

TENSIONS

These garments are all designed for 4 ply yarn. It is necessary to produce:

$15\frac{1}{2}$ sts and 22 rows to 5 cm (2 ins.)

We suggest Tension 6. However, as each machine varies a little, it is advisable to check your tension. Colors and flecks also affect the tension. All garments have been worked in basic stocking stitch. However, for originality any stitch design may be combined with the instructions for number of rows, shaping, etc; but some stitch patterns produce looser fabrics than stocking stitch and others draw in the fabric. Therefore, it is worthwhile knitting an extra swatch in the chosen pattern and then making a comparison with the stocking stitch swatch – this then will enable you to adjust stitches and rows for size required.

TO CHECK TENSION

Knit a sample on the suggested tension on 60 stitches and 60 rows. Leave for at least 6 hours before measuring, which should be done over 10 cm (4 ins.). if the result is too many stitches per inch knit another swatch on a looser tension; if not enough stitches, tighten tension a few points.

MEASUREMENTS

JUMPERS

SIZES		A	B	C	D	E	F	G	H	I	J
Chest measurements	cm	48	56	63	71	79	86	94	102	109	117
	inch	19	22	25	28	31	34	37	40	43	46
Garment measurements	cm	53	61	69	76	84	91	99	107	114	122
	inch	21	24	27	30	33	36	39	42	45	48
Length from back neck	cm	28	34	39	44	50	60	61	62	66	67
	inch	11	13½	15½	17½	19½	23½	24	24½	26	26½
Sleeve length long	cm	17	28	33	38	41	43	43	43	46	46
	inch	6½	11	13	15	16	17	17	17	18	18
Sleeve length short	cm	5	6	6	6	6	8	8	8	8	8
	inch	2	2½	2½	2½	2½	3	3	3	3	3

CARDIGANS

SIZES		A	B	C	D	E	F	G	H	I	J
Chest measurements	cm	48	56	63	71	79	86	94	102	109	117
	inch	19	22	25	28	31	34	37	40	43	46
Garment measurements	cm	56	63	71	79	86	94	102	109	117	124
	inch	22	25	28	31	34	37	40	43	46	49
Length from back neck	cm	29	36	41	46	51	61	62	63	65	67
	inch	11½	14	16	18	20	24	24½	25	26½	26½
Sleeve length long	cm	18	29	34	39	42	44	44	44	47	47
	inch	7	11½	13½	15½	16½	17½	17½	17½	18½	18½
Sleeve length short	cm	5	6	6	6	6	8	8	8	8	8
	inch	2	2½	2½	2½	2½	3	3	3	3	3

MATERIALS: 4 Ply 25 gm Balls

Sizes	A	B	C	D	E	F	G	H	I	J
Long Sleeve Garments										
V neck jumper	6	7	8	10	12	15	16	18	21	22
Round neck jumper	6	7	8	10	12	15	16	18	21	22
Polo neck jumper	7	8	9	12	13	16	17	20	22	24
Round neck cardigan	7	8	9	12	13	16	17	20	22	24
V neck cardigan	7	8	9	12	13	16	17	20	22	24
Short Sleeve Garments										
V neck jumper	5	6	6	8	9	13	14	16	17	18
Round neck jumper	5	6	6	8	9	13	14	16	17	18
Round neck cardigan	6	7	7	9	10	15	15	17	18	21
V neck cardigan	6	7	7	9	10	15	15	17	18	21

NOTE: For round or polo neck jumpers small buttons or short zip may be used for extra neck opening.

NOTE: If alterations are made in length, this will affect quantities required. Synthetic yarns in general require less yarn than indicated on chart.

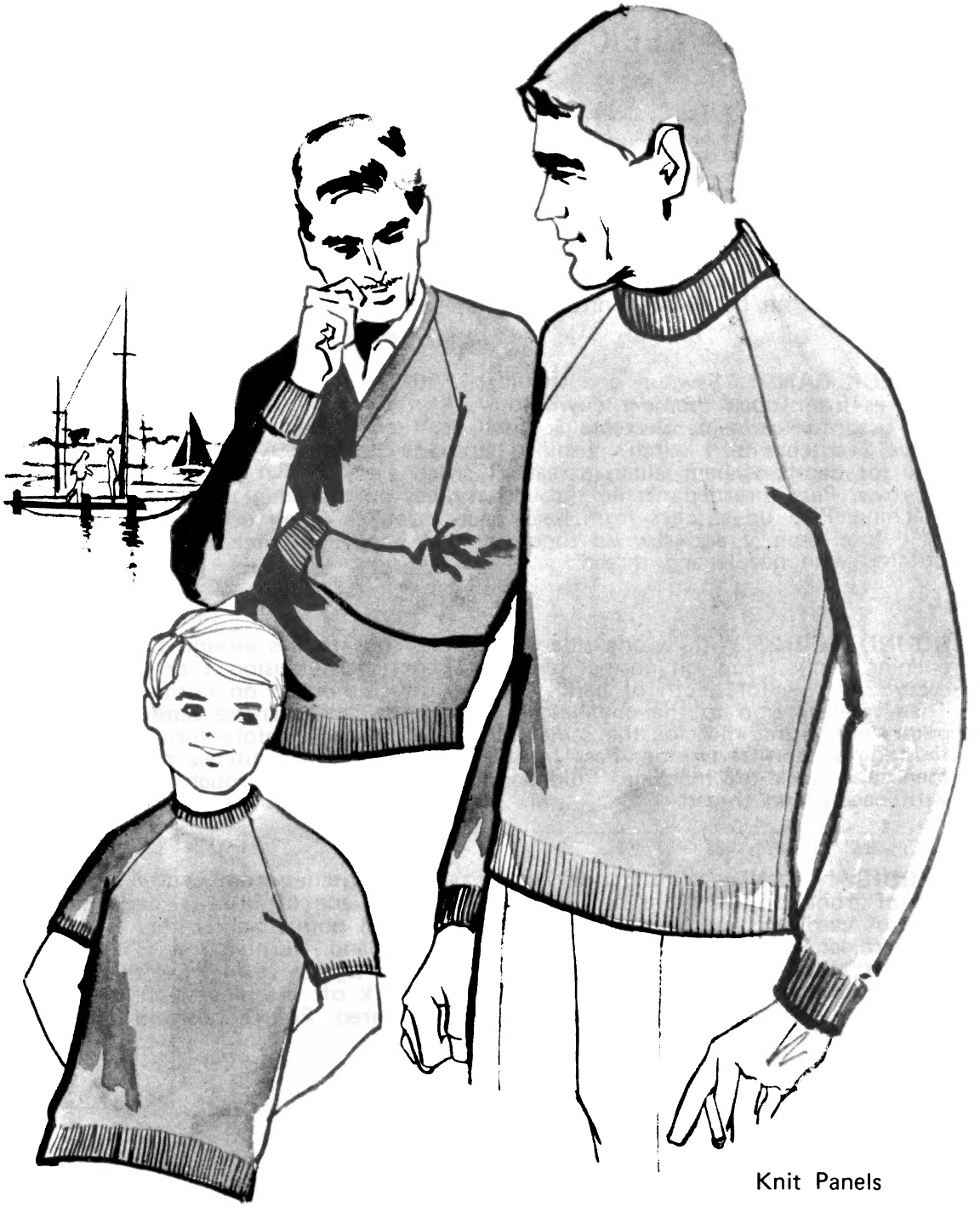
NECK & CARDIGAN BANDS

Although directions for knitting bands SEPARATELY are given in this book, they can be knitted directly on to the garment to save sewing on. The following instructions are for stocking stitch. If ribbed round, V or polo neck bands are favoured, the stitches are picked up in exactly the same manner as for stocking stitch bands, then knitted according to rib instructions given in this book. Ribbed cardigan bands are knitted separately and then sewn on.

V NECK BAND: Sew up one shoulder. With wrong side facing you, pick up stitches from open shoulder down to V. Knit on a tension a little tighter than one used for garment. Decrease 1 stitch at V end (using 2 prong transfer tool, move 2 stitches in 1 stitch, pushing empty needle into 'A' position) every 2nd row for depth of hem, then increase 1 stitch every 2nd row for the same number of rows. Pass threaded needle through stitches on machine, then take work off machine. Pick up stitches from back neck down to V on other side and proceed as before. Join V and sew up shoulder, fold band and catch down through open stitches with needle and thread.

ROUND NECK: With wrong side facing, pick up stitches around neck from opening. Knit 1 row on normal tension. Then tighten tension 1 or 2 points every 2nd row for depth of band. Turning row is knitted on normal tension. Then reset tension to the one before turning row and increase tension 1 or 2 points every 2nd row for the same number of rows as before turning row, finishing at normal tension. Pass threaded needle through stitches on machine, then take work off machine. Fold band and catch down through open stitches with needle and thread.

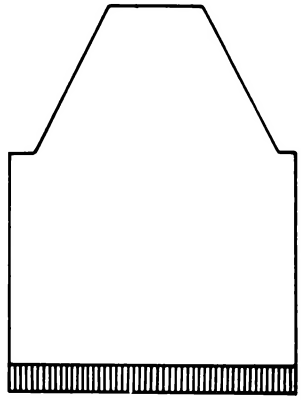
CARDIGAN BAND: Wrong side facing, pick up stitches from centre back to end of front, or just from neck opening down to end of front – depending on type of cardigan, and knit on a tension at least 3 points tighter than that used for cardigan. Knit required number of rows for band. Turning row is knitted on garment tension and other side of band 3 points tighter again. Pass threaded needle through stitches on machine and take work off machine. Knit other side the same, putting double buttonholes where required. Fold bands and catch down through open stitches. Finish off buttonholes.



		Knit Panels
1.	Round Neck, short sleeve Jumper	A C E F or F1
2.	V-neck, long sleeve Jumper	A B D H or H1
3.	Polo Neck, long sleeve Jumper	A C D G or G1

JUMPER BACK PANEL –

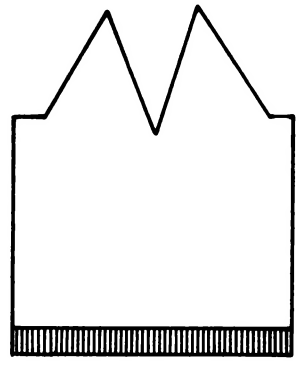
FOR ALL STYLES (PANEL A)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	81	91	101	113	123	135	147	157	169	179
2.	Knit welt – hem 44 rows rib 22 rows.										
	–Change tension –										
3.	Transfer to stocking stitch and knit xxx rows above welt (adjust length)	50	66	80	94	98	148	148	148	154	156
4.	Row counter 000.										
5.	Cast off xxx stitches at beginning of next 2 rows	5	5	5	5	5	5	6	7	7	8
6.	Decrease 1 stitch each end of every 4th row xxx times	8	6	6	5	4	2	1	1	2	1
7.	Decrease 1 stitch each end of every 2nd row xxx times	14	20	24	30	35	42	47	49	53	57
8.	There are now xxx rows	60	66	74	82	88	94	100	104	116	120
9.	Cast off remaining xxx stitches	27	29	31	33	35	37	39	43	45	47

JUMPER FRONT – V NECK

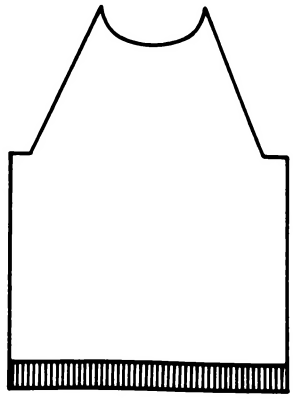
(PANEL B)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Follow steps 1 to 5 of back.										
2.	Decrease 1 stitch at centre front.										
3.	Work on half the stitches nearest carriage – placing other half out of action. xxx stitches	35	40	45	51	56	62	67	71	77	81
	Shape raglan and neckline –										
	Note: Steps 4 to 6 are knitted simultaneously.										
4.	At armhole edge decrease 1 stitch every 4th row xxx times	8	6	6	5	4	2	1	1	2	1
5.	At armhole edge decrease 1 stitch every 2nd row xxx times	13	19	23	29	34	41	46	48	52	56
6.	At neck edge decrease 1 stitch every 4th row xxx times	12	13	14	15	16	17	18	20	21	22
7.	Bind off last 2 stitches.										
8.	Work on other half reversing shapings.										

JUMPER FRONT – ROUND OR POLO NECK

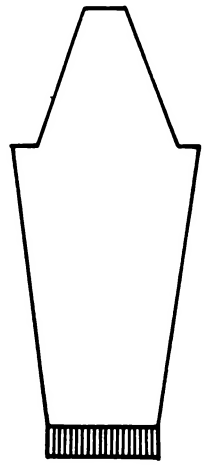
(PANEL C)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Follow steps 1 to 6 of back.										
2.	Decrease 1 stitch each end of every 2nd row until xxx stitches remain	53	55	59	65	67	71	73	79	85	91
3.	There are now xxx rows	36	40	46	50	56	60	66	68	76	76
	Shape neck –										
4.	Work xxx stitches nearest carriage holding remainder	18	20	21	24	24	26	26	28	30	32
	Note: Steps 5 to 6 are knitted simultaneously.										
5.	At neck edge decrease 1 stitch every 3rd row xxx times	5	6	6	7	7	8	8	9	9	9
6.	At armhole edge continue to decrease 1 stitch every 2nd row until 2 stitches remain.										
7.	Bind off last 2 stitches.										
8.	Cast off xxx stitches at the centre	15	15	17	17	19	19	21	23	25	27
9.	Work other side, steps 5 to 7, reversing shapings.										

JUMPER – LONG SLEEVES

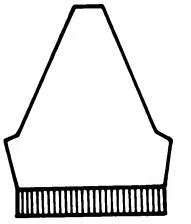
(PANEL D)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	43	47	53	57	61	67	71	75	79	79
2.	Knit welt – hem 44 rows rib 22 rows.										
	– Change tension –										
3.	Transfer to stocking stitch and knit xxx rows	5	9	9	9	9	9	9	8	8	8
4.	Increase 1 stitch each end of this and every following xxx rows	5	9	9	9	9	9	9	8	8	8
5.	Increase xxx times altogether	10	11	12	14	16	17	17	19	22	22
6.	There are now xxx stitches	63	69	77	85	93	101	105	113	123	123
7.	Knit straight to xxx rows above welt (adjust length)	60	106	128	150	160	168	168	168	182	182
	Shape raglan –										
8.	Row counter 000.										
9.	At beginning of next 2 rows cast off xxx stitches	5	5	5	5	5	5	6	7	7	8
10.	Decrease 1 stitch each end every 4th row xxx times	9	8	8	8	7	6	8	7	9	12
11.	Decrease 1 stitch each end every 2nd row xxx times	12	16	20	24	29	34	33	37	39	35
12.	There are now xxx rows	60	66	74	82	88	94	100	104	116	120
13.	Cast off remaining xxx stitches	11	11	11	11	11	11	11	11	13	13
	Knit another sleeve the same way.										

JUMPER – SHORT SLEEVES

(PANEL E)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	47	53	61	69	77	85	89	97	107	107
2.	Knit welt – hem 22 rows rib 11 rows.										
	– Change tension –										
3.	Transfer to stocking stitch and knit 2 rows.										
4.	Increase 1 stitch each end of this and every following xxx rows	2	2	2	2	2	3	3	3	3	3
5.	Increase 8 times altogether.										
6.	There are now xxx stitches	63	69	77	85	93	101	105	113	123	123
7.	Knit straight to xxx rows above welt . . .	20	22	22	22	22	26	26	26	26	26
8.	Follow steps 8 to 13 of long sleeve.										

NECKBANDS – JUMPER – USING RIBBER ATTACHMENT

ROUND NECK JUMPER (PANEL F)

Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches for Kl, Pl rib	115	119	127	137	141	147	151	161	177	189
2.	Rib for xxx rows	26	30	30	30	30	32	32	32	32	32
3.	Cast off loosely.										

Note: When attached, neckband is folded in half.

POLO NECK JUMPER (PANEL G)

Sizes		A	B	C	D	E	F	G	H	I	J
1.	Commence as step 1 of round neck.										
2.	Rib for xxx rows	50	65	65	65	65	75	75	75	75	75
3.	Cast off loosely.										

V NECK JUMPER (PANEL H)

Sizes		A	B	C	D	E	F	G	H	I	J
	Note: Most sizes knitted in 2 pieces.										
1.	Cast on xxx stitches for Kl, Pl rib	171	183	127	137	145	153	161	179	187	193
	second piece xxx stitches	–	–	75	83	89	95	101	105	117	121
2.	Rib 14 rows.										
3.	Cast off loosely.										

Note: When attaching neckbands it is best to use the cast on edge as finished edge and attach the cast off edge to the garment.

NECKBANDS – JUMPERS – USING CONTINENTAL RIB

ROUND NECK JUMPER (PANEL F1)

Sizes		A	B	C	D	E	F	G	H	I	J
1.	Select xxx needles	115	119	127	137	141	147	151	161	177	189
2.	Push out of action every alternate needle.										
3.	Using winding method cast on loosely.										
4.	Knit xxx rows	26	30	30	30	30	32	32	32	32	32
5.	Cast off loosely.										

Note: When attached neckband is folded in half.

POLO NECK JUMPER (PANEL G1)

Sizes		A	B	C	D	E	F	G	H	I	J
1.	Follow steps 1 to 3 of round neck.										
2.	Knit xxx rows	50	65	65	65	65	75	75	75	75	75
3.	Cast off loosely.										

V NECK JUMPER (PANEL H1)

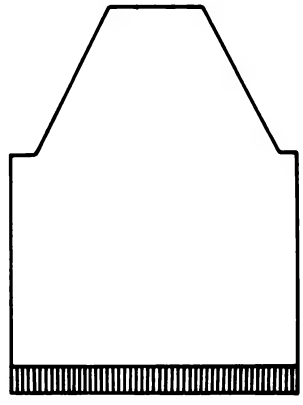
Sizes		A	B	C	D	E	F	G	H	I	J
	Note: Most sizes knitted in 2 pieces (see back page for attaching).										
1.	Select xxx needles	171	183	127	137	145	153	161	179	187	193
	second piece xxx needles	–	–	75	83	89	95	101	105	117	121
2.	Push out of action every alternate needle.										
3.	Using winding method, cast on loosely.										
4.	Knit 28 rows.										
5.	Cast off loosely.										

Note: Neckband is folded in half when attached.

		Knit Panels
1.	Round Neck Cardigan long sleeves	J L M P or P1
2.	V-neck Cardigan short sleeves	J K N O or O1
3.	V-neck Cardigan long sleeves	J K M O or O1

CARDIGAN BACK PANEL

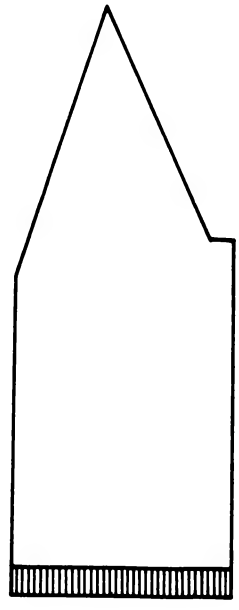
FOR ALL STYLES (PANEL J)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	85	95	105	117	127	139	151	161	173	183
2.	Knit welt – Hem 44 rows										
	rib 22 rows.										
	– Change tension –										
3.	Transfer to stocking stitch and knit to xxx rows above welt (adjust length)	54	70	84	98	102	152	152	152	160	160
	Shape raglan –										
4.	Row counter 000.										
5.	At beginning of next 2 rows cast off xxx stitches	5	5	5	5	5	5	6	7	7	8
6.	Decrease 1 stitch each end every 4th row xxx times	8	6	6	5	4	2	1	1	2	1
7.	Decrease 1 stitch each end every 2nd row xxx times	15	21	25	31	36	43	48	50	54	58
8.	There are now xxx rows	62	68	76	84	90	96	102	106	118	122
9.	Cast off remaining xxx stitches	29	31	33	35	37	39	41	45	47	49

CARDIGAN FRONT – V NECK

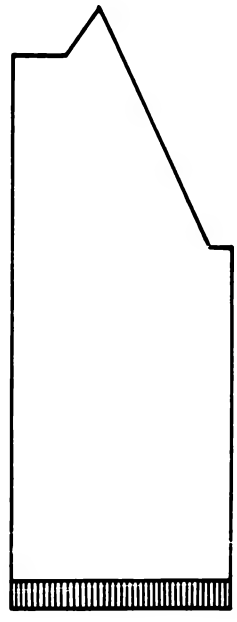
(PANEL K)



Sizes	A	B	C	D	E	F	G	H	I	J
1. Cast on xxx stitches	43	47	51	57	63	69	75	79	85	91
2. Knit welt—hem 44 rows rib 22 rows.										
—Change tension—										
3. Transfer to stocking stitch and knit to xxx rows above welt (adjust length) ...	54	70	84	98	102	152	152	152	160	160
Shape raglan and neckline—										
4. Row counter 000.										
5. Cast off xxx stiches at armhole edge ...	5	5	5	5	5	5	6	7	7	8
6. Knit 2 rows.										
7. At neck edge decrease 1 stitch. **Note:** Steps 8 to 10 are knitted simultaneously.										
8. At armhole edge decrease 1 stitch every 4th row xxx times	8	6	6	5	4	2	1	1	2	1
9. At armhole edge decrease 1 stitch every 2nd row xxx times	14	20	24	30	35	42	47	49	53	57
10. At neck edge decrease 1 stitch every 4th row xxx times	13	13	13	14	16	17	18	19	20	22
11. Bind off last 2 stitches. Knit another front reversing shapings.										

CARDIGAN FRONT – ROUND NECK

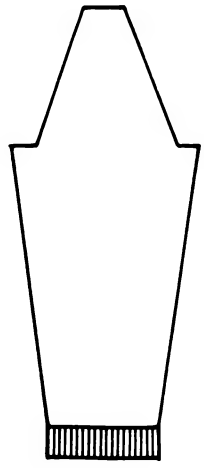
(PANEL L)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Follow steps 1 to 6 of V neck front.										
2.	At armhole edge decrease 1 stitch every 4th row xxx times	8	6	6	5	4	2	1	1	2	1
3.	At armhole edge decrease 1 stitch every 2nd row until xxx stitches remain	29	29	30	33	35	37	38	40	43	47
4.	There are now xxx rows	36	40	46	50	56	60	66	68	76	76
	Shape neck –										
5.	At neck edge cast off xxx stitches	7	7	7	7	9	9	10	10	11	13
	Note: Steps 6 to 7 are knitted simultaneously.										
6.	At neck edge decrease 1 stitch every 3rd row xxx times	7	7	7	8	8	9	9	10	10	10
7.	At armhole edge continue to decrease 1 stitch every 2nd row until 2 stitches remain.										
8.	Bind off last 2 stitches.										
	Knit another front reversing shapings.										

CARDIGAN – LONG SLEEVES

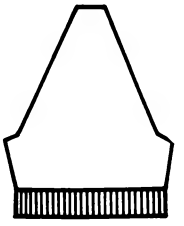
(PANEL M)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	47	51	57	61	65	71	75	79	83	83
2.	Knit welt - hem 44 rows rib 22 rows.										
	– Change tension –										
3.	Transfer to stocking stitch and knit xxx rows	5	9	9	9	9	9	9	8	8	8
4.	Increase 1 stitch each end of this and every following xxx rows	5	9	9	9	9	9	9	8	8	8
5.	Increase xxx times altogether	10	11	12	14	16	17	17	19	22	22
6.	There are now xxx stitches	67	73	81	89	97	105	109	117	127	127
7.	Knit straight to xxx rows above welt (adjust length)	64	110	132	154	164	172	172	172	186	186
	Shape raglan –										
8.	Row counter 000.										
9.	At beginning of next 2 rows cast off xxx stitches	5	5	5	5	5	5	6	7	7	8
10.	Decrease 1 stitch each end every 4th row xxx times	8	7	7	7	6	5	7	6	8	11
11.	Decrease 1 stitch each end every 2nd row xxx times	15	19	23	27	27	37	36	40	42	38
12.	There are now xxx rows	62	68	76	84	90	96	102	106	118	122
13.	Cast off remaining xxx stitches	11	11	11	11	11	11	11	11	13	13
	Knit another sleeve the same way.										

CARDIGAN – SHORT SLEEVES

(PANEL N)



Sizes		A	B	C	D	E	F	G	H	I	J
1.	Cast on xxx stitches	51	57	65	73	81	89	93	101	111	111
2.	Knit welt – hem 22 rows.										
	rib 11 rows.										
	– Change tension –										
3.	Transfer to stocking stitch and knit 2 rows										
4.	Increase 1 stitch each end of this and every following xxx rows	2	2	2	2	2	3	3	3	3	3
5.	Increase 8 times altogether.										
6.	There are now xxx stitches	67	73	81	89	97	105	109	117	127	127
7.	Knit straight to xxx rows above welt . . .	20	22	22	22	22	26	26	26	26	26
8.	Follow steps 8 to 13 of long sleeve.										

NECKBANDS – CARDIGANS – USING RIBBER ATTACHMENT

V NECK CARDIGAN (PANEL O)

Sizes	A	B	C	D	E	F	G	H	I	J
1. Cast on 17 stitches for KI, PI rib.										
2. Rib 5 rows.										
3. Make buttonhole in next and every following xxx rows	19	22	26	24	24	28	28	28	30	30
4. Make xxx buttonholes altogether	5	5	5	6	6	7	7	7	7	7
5. Continue ribbing until xxx rows from beginning	330	373	419	465	489	501	615	627	673	685
6. Cast off.										

Note: If length of garment is altered adjust band by double the number of rows altered.

ROUND NECK CARDIGAN (PANEL P)

Sizes	A	B	C	D	E	F	G	H	I	J
Front Band Without Buttonholes										
1. Cast on 17 stitches for KI, PI rib.										
2. Rib xxx rows	125	145	165	184	190	241	255	255	274	274
3. Cast off.										

Note: If length of garment is altered, adjust band by same number of rows.

Front Band With Buttonholes

1. Cast on 17 stitches for KI, PI rib.										
2. Rib 5 rows.										
3. Make buttonholes on next and every following xxx rows	23	27	31	29	30	33	35	35	33	33
4. Make xxx buttonholes altogether	6	6	6	7	7	8	8	8	9	9
5. Rib 5 rows.										
6. Cast off.										

See note for 'without buttonholes'.

Neckband

1. Cast on xxx stitches for KI, PI rib	121	123	129	139	145	151	155	163	177	195
2. Rib for 14 rows.										
3. Cast off loosely.										

Note: It is best to use cast on edge as finished edge and cast off edge is attached to the garment. Front bands extend to form part of the garment.

NECKBANDS – CARDIGANS – USING CONTINENTAL RIB

V NECK CARDIGAN (PANEL 01)

Sizes	A	B	C	D	E	F	G	H	I	J
1. Select 34 needles.										
2. Push out of action every alternate needle.										
3. Using winding method cast on.										
4. Knit 5 rows.										
5. Make buttonholes on 4th stitch in from each end.										
6. Knit xxx rows	19	22	26	24	24	28	28	28	30	30
7. Repeat steps 5 and 6 until xxx series of buttonholes are made	5	5	5	6	6	7	7	7	7	7
8. Continue knitting until xxx rows from beginning	330	373	419	465	489	501	615	627	673	683
9. Cast off.										

Note: If length of garment is altered adjust band by double number of rows altered.

ROUND NECK CARDIGAN (PANEL P1)

Sizes	A	B	C	D	E	F	G	H	I	J
Front Band Without Buttonholes										
1. Follow steps 1 to 3 of V neck.										
2. Knit for xxx rows	125	145	165	184	190	241	255	255	274	274
3. Cast off.										

Note: If length of garment is altered adjust band by same number of rows.

Front Band With Buttonholes

1. Follow steps 1 to 4 of V neck.										
2. Make buttonholes on 4th stitch in from each end.										
3. Knit xxx rows	23	27	31	29	30	33	35	35	33	33
4. Repeat steps 2 and 3 until xxx series of buttonholes are made	6	6	6	7	7	8	8	8	9	9
5. Knit 5 rows.										
6. Cast off.										

See note for 'without buttonholes'.

Neckband

1. Select xxx needles	121	123	129	139	145	151	155	163	177	195
2. Push out of action every alternate needle.										
3. Using winding method, cast on loosely.										
4. Knit 28 rows.										
5. Cast off loosely.										

Note: Front bands extend to form part of neckband.

COMPLETION OF GARMENTS

ALL STYLES

1. Press all pieces lightly with a damp cloth.
2. Sew up the 4 raglan seams.
3. Sew the side and sleeve seams.

ATTACHING NECKBANDS

Round Neck Jumper

For both Continental rib and rib sew the neckband evenly around the neck – fold in half and slip stitch.

Polo Neck Jumper

Continental Rib – attach as for round neck jumper.

Rib – sew cast off edge to the neckline.

V Neck Jumper

Continental Rib – sew band around neck commencing at the V – with 2 pieces, the second commences at a back raglan seam – fold the band in half and slip stitch – make a mitred corner at the V.

Rib – sew band around neck using the cast off edge commencing at the V – with 2 pieces the second commences at a back raglan seam - mitre the ends at the V.

Round Neck Cardigan

Continental Rib – attach the neckband evenly, fold in half and slip stitch. Attach the bands down each front commencing at the top of the neckband – fold in half and slip stitch. Catch the buttonholes together.

Rib – attach the neckband evenly around neck using cast off edge – attach bands from top of neckband.

V Neck Cardigan

Continental Rib – attach band evenly around neckline, fold in half and slip stitch. Catch the buttonholes together.

Rib – attach evenly around neckline.